## IN THE CLAIMS

Please amend the claims as follows:


Claim 1 (Currently Amended): A recording apparatus comprising:

means for generating, from input moving picture data, a <u>menu</u> thumbnail picture ~~representing~~ <u>representative of contents of</u> said moving picture data, as first thumbnail data, and for generating, from said moving picture data, a <u>mark</u> thumbnail picture of a picture extracted as a characteristic picture, or a thumbnail picture of a picture specified by a user, as a second thumbnail data; and

means for recording said first thumbnail data and the second thumbnail data, generated by said generating means as independent groups on a recording medium.


Claim 2 (Original). The recording apparatus according to claim 1 wherein said generating means generates said first and second thumbnail data as respective independent files.


Claim 3 (Original). The recording apparatus according to claim 1 wherein said generating means generates said first and second thumbnail data as respective independent data blocks and as one file.


Claim 4 (Original). The recording apparatus according to claim 1 wherein said generating means generates first management data supervising said first thumbnail data with a number corresponding to the first thumbnail data, said generating means also generating second management data supervising said second thumbnail data with a number

corresponding to the second thumbnail data; said recording means recording said first and

second management data in said recording medium.

Claim 5 (Original). The recording apparatus according to claim 4 wherein said first

and second management data include data specifying the format of the picture data of the

thumbnail data being supervised.

Claim 6 (Original). The recording apparatus according to claim 4 wherein said

recording means records picture data of said thumbnail picture contained in said first or

second management data in terms of a block of a preset size as a unit.

Claim 7 (Original). The recording apparatus according to claim 1 wherein said

recording means records the information representing the referencing destination of said first

thumbnail data as a separate file on said recording medium.

Claim 8 (Original). The recording apparatus according to claim 1 wherein said

recording means further records the information indicating the referencing destination of said

thumbnail picture contained in said second thumbnail data.

Claim 9 (Currently Amended): A recording method comprising:

a generating step of generating, from input moving picture data, a menu thumbnail

picture representing representative of contents of said moving picture data, as first thumbnail

data, and for generating, from said moving picture data, a mark thumbnail picture of a picture

extracted as a characteristic picture, or a thumbnail picture of a picture specified by a user, as

a second thumbnail data; and

~~a recording controlling step of~~ exercising control for recording said first thumbnail data and the second thumbnail data, generated by said generating~~, step~~ as independent groups on a recording medium.

Claim 10 (Currently Amended):  A recording medium having recorded thereon a computer-readable program, said computer-readable program comprising:

~~a generating step of~~ generating, from input moving picture data, a <u>menu</u> thumbnail picture ~~representing~~ <u>representative of contents of</u> said moving picture data, as first thumbnail data, and for generating, from said moving picture data, a <u>mark</u> thumbnail picture of a picture extracted as a characteristic picture, or a thumbnail picture of a picture specified by a user, as a second thumbnail data; and

~~a recording controlling step of~~ exercising control for recording said first thumbnail data and the second thumbnail data, generated by said generating~~, step~~ as independent groups on a recording medium.

Claim 11 (Cancelled).

Claim 12 (Currently Amended):  A reproducing apparatus comprising:

first readout means for reading out management data supervising picture data of a <u>menu</u> thumbnail picture ~~representing the~~ <u>representative of</u> contents of said picture data in case playback of said picture data is commanded;

second readout means for reading out said picture data based on said management data read out by said readout means;

third readout means for reading out picture data of a <u>mark</u> thumbnail picture of a picture extracted as a characteristic picture from said picture data or picture data of a

thumbnail picture of a picture specified by a user, and management data supervising said

picture data; and

fourth readout means for reading out said picture data based on said management data

read out from said third readout means.


Claim 13 (Currently Amended): A reproducing method comprising:

a first readout controlling step of reading out management data supervising picture

data of a menu thumbnail picture representing the representative of contents of said picture

data in case playback of said picture data is commanded;

a second readout controlling step of controlling the readout of said picture data based

on said management data readout-controlled by the processing of said first readout control

means;

a third readout controlling step of reading out picture data of a mark thumbnail picture

of a picture extracted as a characteristic picture from said picture data or picture data of a

thumbnail picture of a picture specified by a user, and management data supervising said

picture data; and

a fourth readout controlling step of reading out said picture data based on said

management data readout-controlled by the processing of said third readout control step.


Claim 14 (Currently Amended): A recording medium having recorded thereon a

computer-readable program, said computer-readable program comprising:

a first readout controlling step of controlling the readout of management data

supervising picture data of a menu thumbnail picture representing the representative of

contents of said picture data in case playback of said picture data is commanded;

8

a second readout controlling ~~step of~~ controlling the readout of said picture data based

on said management data readout-controlled by the processing of said first readout control

~~means~~;

a third readout controlling ~~step of~~ reading out picture data of a <u>menu</u> thumbnail

picture of a picture extracted as a characteristic picture from said picture data or picture data

of a thumbnail picture of a picture specified by a user, and management data supervising said

picture data; and

a fourth readout controlling ~~step of~~ reading out said picture data based on said

management data readout-controlled by the processing of said third readout controlling ~~step~~.

Claims 15-16 (Cancelled).

Claim 17 (New): The recording apparatus according to claim 1, wherein said menu

thumbnail picture is representative of contents of a playlist in the moving picture data, and

said mark thumbnail picture is used in a submenu for representing details of the playlist.

Claim 18 (New): The recording method according to claim 9, wherein said menu

thumbnail picture is representative of contents of a playlist in the moving picture data, and

said mark thumbnail picture is used in a submenu for representing details of the playlist.

Claim 19 (New): The recording medium according to claim 10, wherein said menu

thumbnail picture is representative of contents of a playlist in the moving picture data, and

said mark thumbnail picture is used in a submenu for representing details of the playlist.

Claim 20 (New): The reproducing apparatus according to claim 12, wherein said menu thumbnail picture is representative of contents of a playlist in the moving picture data, and said mark thumbnail picture is used in a submenu for representing details of the playlist.

Claim 21 (New): The reproducing method according to claim 13, wherein said menu thumbnail picture is representative of contents of a playlist in the moving picture data, and said mark thumbnail picture is used in a submenu for representing details of the playlist.

Claim 22 (New): The recording medium according to claim 14, wherein said menu thumbnail picture is representative of contents of a playlist in the moving picture data, and said mark thumbnail picture is used in a submenu for representing details of the playlist.